

Converting Colors

CIELCh(54, 60.667, 106.979)

Have a look what the booklet for
CIELCh(54, 60.667, 106.979)
contains.

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Color

CIELCh(54, 60.797, 107.291)

Conversions

Conversions Part 1

Format	Color
Hex	7E8801
RGB	126, 136, 1
RGB Percent	49%, 53%, 0%
CMY	0.5067, 0.4674, 0.9975
CMYK	0.07, 0.00, 1.00, 0.47
HSL	64°, 99%, 27%
HSV	64°, 100%, 53%
XYZ	17.3538, 21.9746, 3.3453
YIQ	117.6200, 37.3750, -44.1050

Conversions

Conversions Part 2

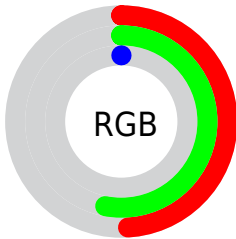
Format	Color
R_{YB}	1, 136, 11
Decimal	8292353
CIE Lab	54.00, -18.07, 58.05
CIE LCh	54, 60.797, 107.291
Yxy	21.9746, 0.4067, 0.5149
Android (android.graphics.Color)	4286482433 (0xFF7E8801)
YUV	117.6200, -57.4937, 7.3493
Hunter-Lab	46.8770, -15.9545, 28.5828

Details

The CIELCh color **54, 60.797, 107.291** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **15, 83.080, 306.542**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 60.855, 107.229**, and **34, 44.506, 111.306** is the 20% darker color. If you saturate the color by 10%, you get **54, 60.912, 107.293**, and if you desaturate by 10%, it is **54, 58.395, 107.272**.

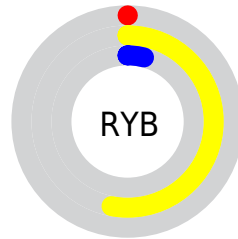
Distribution



Red (49%)

Green (53%)

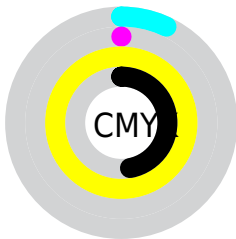
Blue (0%)



Red (0%)

Yellow (53%)

Blue (4%)

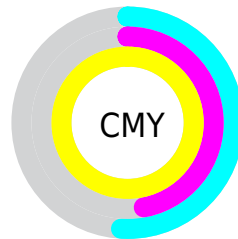


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (51%)


Magenta (47%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 60.797, 107.291 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 54, 60.797, 107.291 by changing the saturation by 10% instead.


 54, 60.797,
107.291


 54, 60.797,
107.291


 100, 60.797,
107.291


 44, 60.797,
107.291


 74, 60.797,
107.291

 34, 60.797,
107.291

 84, 60.797,
107.291

 24, 60.797,
107.291

 94, 60.797,
107.291

 14, 60.797,
107.291

 4, 60.797, 107.291

 0, 60.797, 107.291

■ 54, 60.797,
107.291

■ 54, 60.797,
107.291

■ 54, 60.912,
107.293

■ 54, 58.395,
107.272

■ 54, 54.839,
107.437

■ 54, 49.910,
107.831

■ 55, 43.944,
108.398

■ 55, 37.264,
109.086

■ 55, 30.120,
109.851

■ 55, 22.685,
110.659

■ 56, 15.077,

111.486

■ 56, 7.372, 112.312

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54, 60.797, 107.291



15, 83.080, 306.542

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54, 60.797, 107.291



54, 60.797, 157.291



54, 60.797, 287.291



54, 60.797, 337.291

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54, 60.797, 107.293



70, 28.461, 110.566



28, 63.262, 39.926



37, 19.516, 110.267



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 60.797, 107.293



69, 73.662, 107.389



50, 69.280, 129.652



29, 4.419, 112.342



53, 59.865, 107.284



1, 2.060, 113.091

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



15, 83.080, 306.542



21, 100.915, 306.524



21, 76.637, 313.814



26, 4.512, 293.891



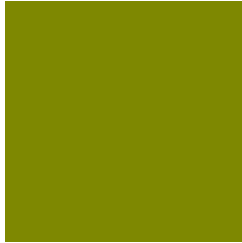
14, 81.912, 306.613



0, 2.061, 293.092

Previews

White Background



This preview shows how the CIELCh color 54, 60.797, 107.291 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 54, 60.797, 107.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 60.797, 107.291

Background



This preview shows how black text looks on a background with the CIELCh color 54, 60.797, 107.291.



This preview shows how white text looks on a background with the CIELCh color 54, 60.797, 107.291.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54, 60.797, 107.291

Protanopia

54, 59.071, 94.908

Deuteranopia

54, 55.475, 82.535



Tritanopia
54, 7.011, 324.803

Trichromacy



Original Color
54, 60.797, 107.291

Protanomaly
54, 59.235, 99.155

Deuteranomaly
54, 56.291, 92.334

Tritanomaly
54, 24.433, 105.037

Monochromacy



Original Color
54, 60.797, 107.291

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 27.974, 110.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 60.797, 107.291 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 136, 1)` looks like.

```
.text, #text, p{  
    color:rgb(126, 136, 1)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 136, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 136, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 60.797, 107.291 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 136, 1) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(126, 136, 1) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(126, 136, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 136, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 136, 1);  
box-shadow:4px 4px 4px 4px rgb(126, 136,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 60.797, 107.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 136, 1) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126,  
136, 1) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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